CLAIMS:

1. Battery powered device (1) for playback of a media title from a memory unit, the device comprising means (3) for determining available energy and calculation means (4) for calculating energy required for playback of the media title to the end in relation to the available energy, the memory unit comprising a storage medium (6) and reading means (7,8) for reading at least a part of the media title from the storage medium (6), the reading means (7,8) being arranged for retrieving playback control information (5) concerning the media title and the calculation means (4) being arranged for calculating said required energy depending on the playback control information (5) and an energy consumption model of the device.

2. Battery powered device (1) as claimed in claim 1, which comprises warning means (9) for providing a warning signal when not enough battery energy is available for playback of a media title to the end.

3. Battery powered device (1) as claimed in claim 1, comprising interaction means (10) for offering a user options for choosing an action to perform in relation to the required energy and available energy, such as playing back in a lower resolution or playing back a shorter version of the media title.

4. Battery powered device (1) as claimed in claim 3, wherein the playback information for generating a shorter version of the media title is retrieved from the storage medium, auto generated before or during playback, or edited by a user.

5. Battery powered device (1) as claimed in claim 1, wherein the reading means (6) is arranged for retrieving the file size of the media title and the calculation means (4) is arranged for calculating the required energy depending on the file size of the media title.

6. Battery powered device (1) as claimed in claim 5, comprising a buffer (11) for holding the part of the media title, and a playback unit (9) for consuming the part of the

media title from the buffer (11), wherein the calculation means (4) is arranged for calculating the required energy depending on the number of times the reading means have to fill the buffer (11) for playback of the media title to the end.

7. Battery powered device (1) as claimed in claim 6 wherein the calculation means (4) is arranged for determining the amount of energy needed for filling of the buffer (11) and for calculating the required energy depending on the amount of energy needed for filling of the buffer (11).

8. Battery powered device (1) as claimed in claim 7, wherein the calculation means (4) is arranged for determining the amount of energy needed for filling of the buffer (11) depending on information about the location of the media title on the storage medium (6).

9. Battery powered device (1) as claimed in claim 1, wherein the reading means (7,8) is arranged for retrieving the playing time of the media title and the calculation means (4) is arranged for calculating the required energy depending on the playing time of the media title.

10. Battery powered device (1) as claimed in claim 1, wherein the playback control information comprises characteristic point information and the calculation means (4) is arranged for calculating the required energy depending on the characteristic point information.

11. Method for playback of a media title in a battery powered device (1), comprising the steps of retrieving the media title from a storage medium (6), determining available battery energy, calculating the energy required for the playback of the media title to the end in relation to the available energy, reading at least a part of the media title from the storage medium (6), retrieving playback control information (5) concerning the media title and calculating the required energy depending on the playback control information (5) and an energy consumption model of the device.

12. Computer program product which program is operative to cause a processor to perform the method as claimed in claim 11.